

Commissioner for Patents
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Serial No.: 09/974,907

LISTING OF SPECIFICATION AMENDMENTS

Please amend paragraph 0001 of the specification as follows:

This application is based on United States Provisional Application No. 60/306,437, filed July 16, 2001.

This is the first application filed for the present invention.

Please amended paragraph 0010 of the specification as follows:

It is therefore an object of the ~~information~~ invention to provide a method and system for controlling and reconfiguring an agile optical network.

Please amended paragraph 0011 of the specification as follows:

It is a further object of the invention to provide a method and system for controlling an agile optical network using constraint-based rules that minimizes the computational effort required for computing new routes through the agile network.

Please amended paragraph 0028 of the specification as follows:

The step of determining comprises steps of: ensuring that the at least one wavelength is not currently ~~uses~~ used on a link over which it is supposed to span; ensuring that the links in the wavelengths are operating within established parameters; and evaluating the signal transmission viability across each of the at least one wavelength.